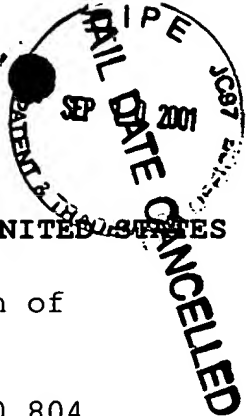


Docket No.: 3350-05F
Client No.: Ebill-F



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of
KITCHEN, et al.

Serial No: 09/820,804

Filed: March 30, 2001

For: ELECTRONIC BILL PRESENTMENT WITH BILL CATEGORIZATION.

:
: Art Unit: 2162
:
: Examiner: R. Alvarez
:
:
:

RECEIVED

SEP 17 2001

Technology Center 2100

SUBMISSION OF FORMAL DRAWINGS

Honorable Assistant
Commissioner
for Patents
Washington, DC 20231

I hereby certify that this paper or fee is
being deposited with the U.S. Postal Service
as First Class Mail addressed to Assistant
Commissioner for Patents, Washington, D.C.
20231

on Sept. 10, 2001.....

Signature *Eric Dyer*.....

Sir:

Applicant submits herewith twenty (20) sheets of formal
drawings in connection with the above-referenced application.

Respectfully submitted,

LALOS & KEEGAN

Alfred A. Stadnicki
Registration No. 30,226

1146 Nineteenth Street, N.W.
Fifth Floor
Washington, D.C. 20036
Telephone: 202-887-5555
Facsimile: 202-296-1682
DATE: September 10, 2001

The diagram illustrates a central network 100, represented by a large circle, connected to several peripheral stations. The stations are categorized as follows:

- Biller Stations (110a, 110b, 110c, 110d):** Four triangular stations connected to the network.
- Payor Stations (120a, 120b, 120c, 120d):** Four rectangular stations connected to the network.
- FI Stations (130a, 130b, 130c):** Three oval stations connected to the network.
- CF Station (140):** One rounded rectangular station connected to the network.

Each station is labeled with its name and a reference numeral. The network is labeled "NETWORK 100".

FIG. 1

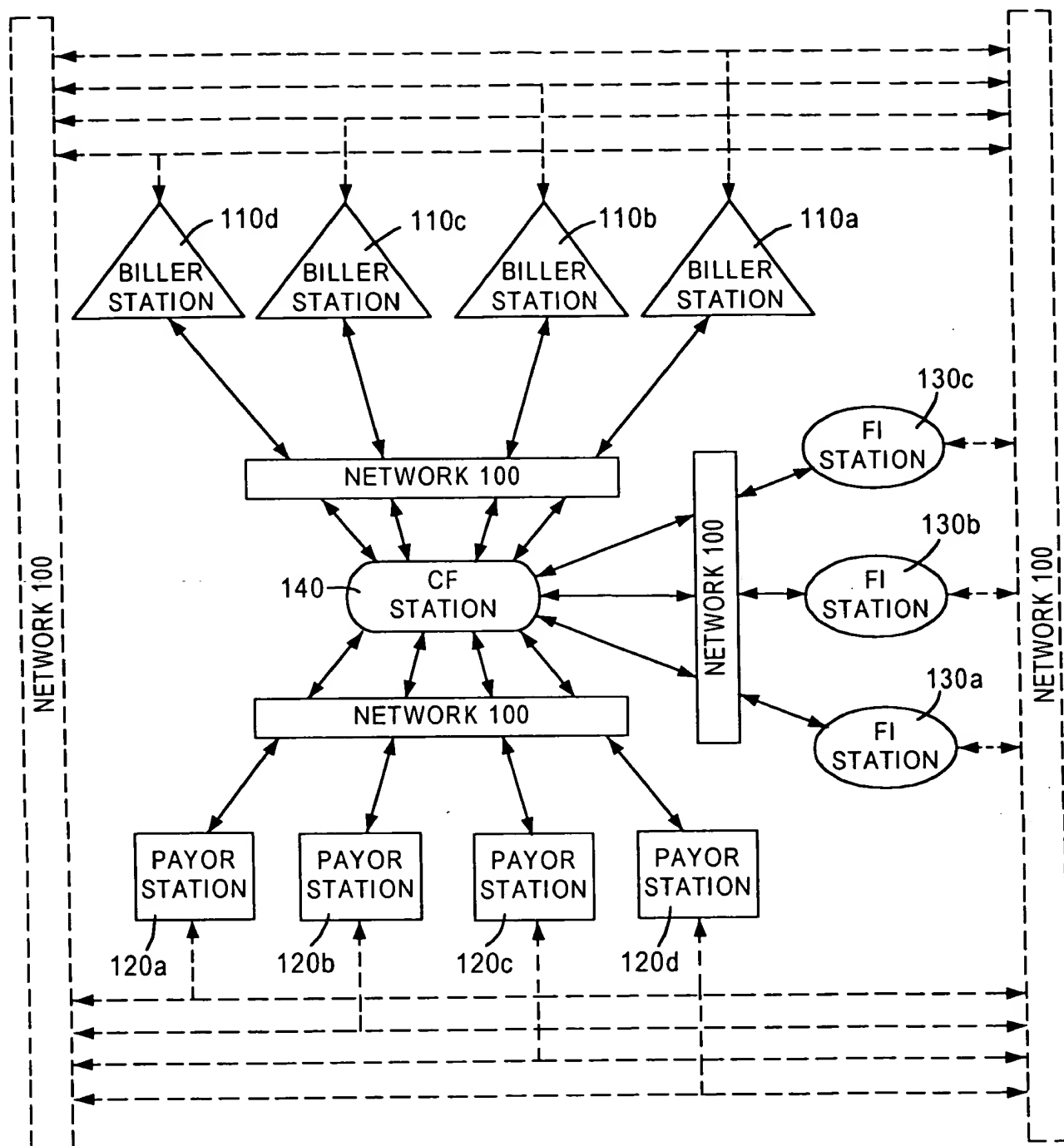


FIG. 2

FIG. 2A

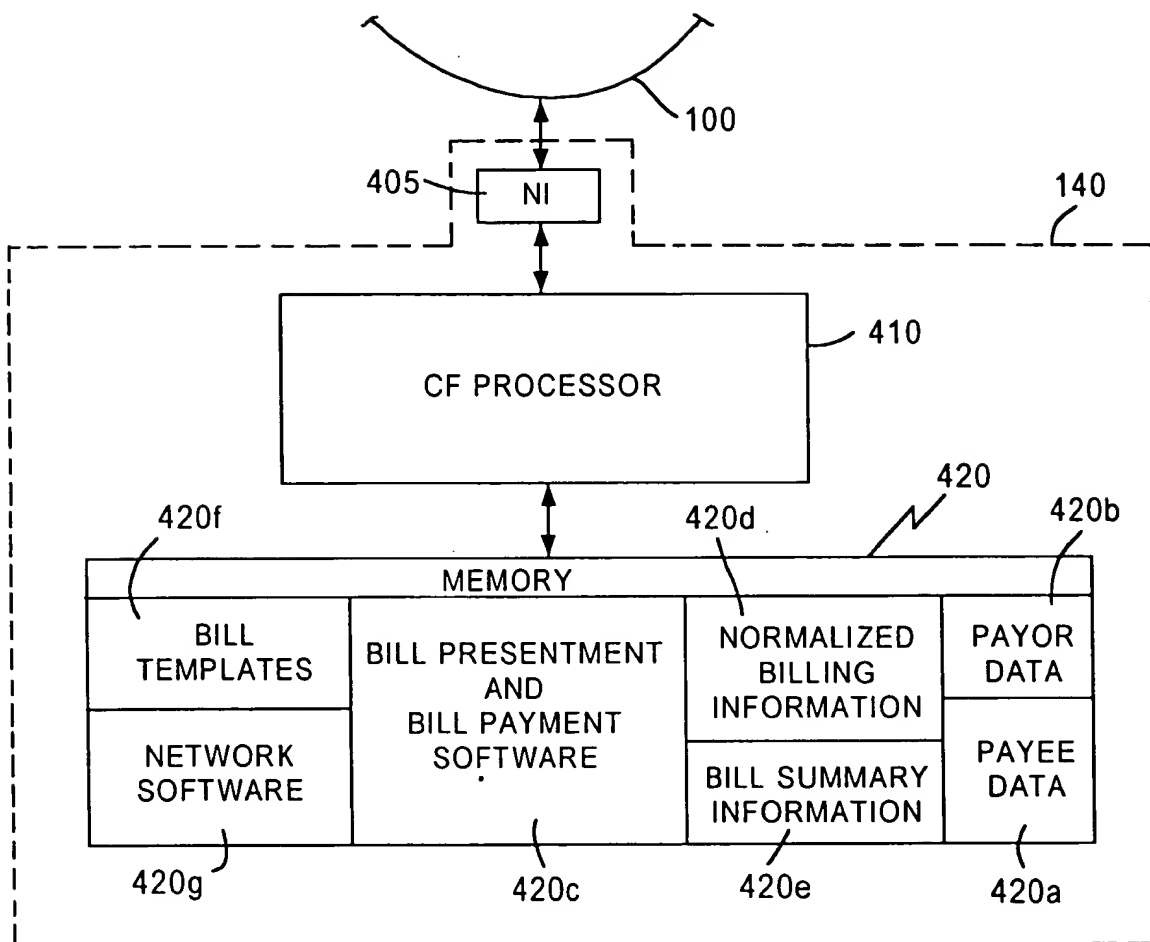


FIG. 2A

FIG. 2B

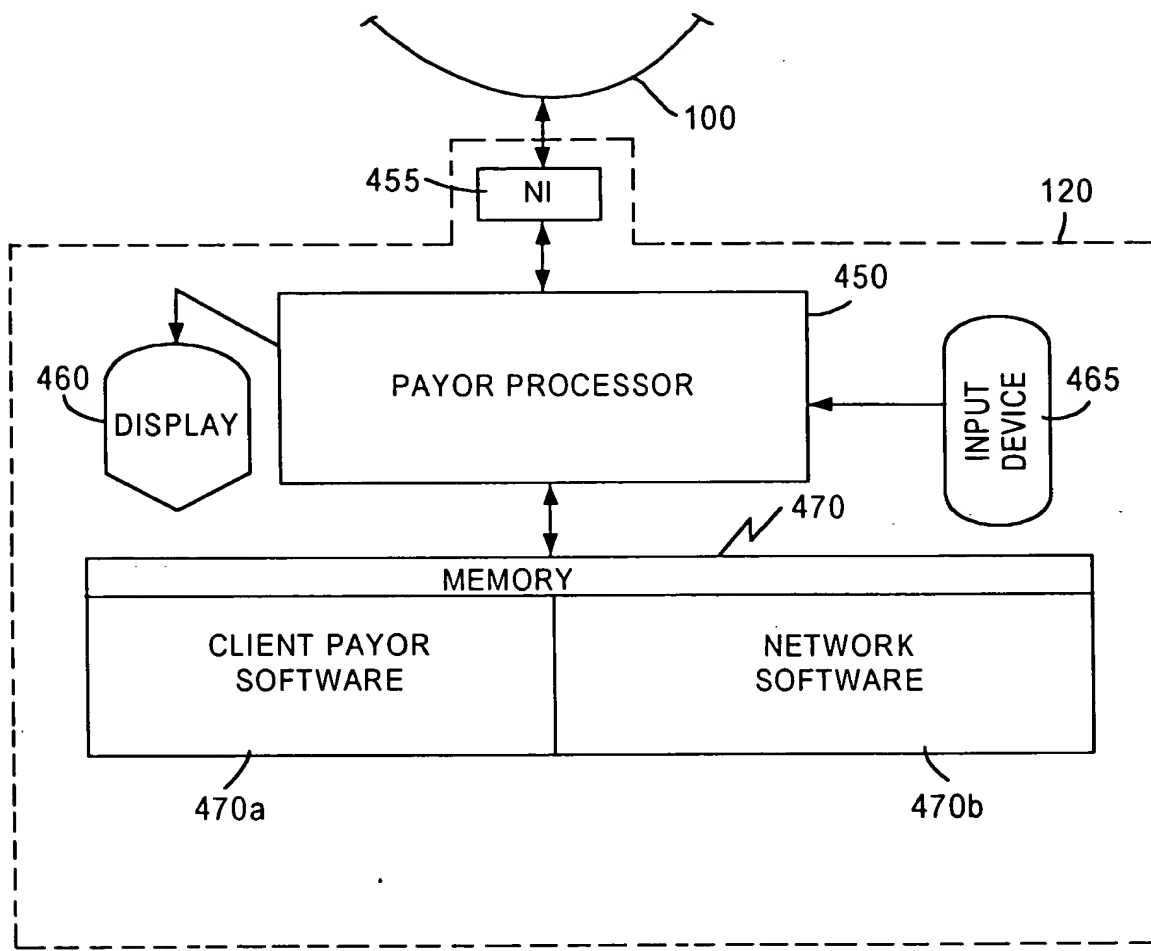


FIG. 2B

Patented Apr 10, 2002

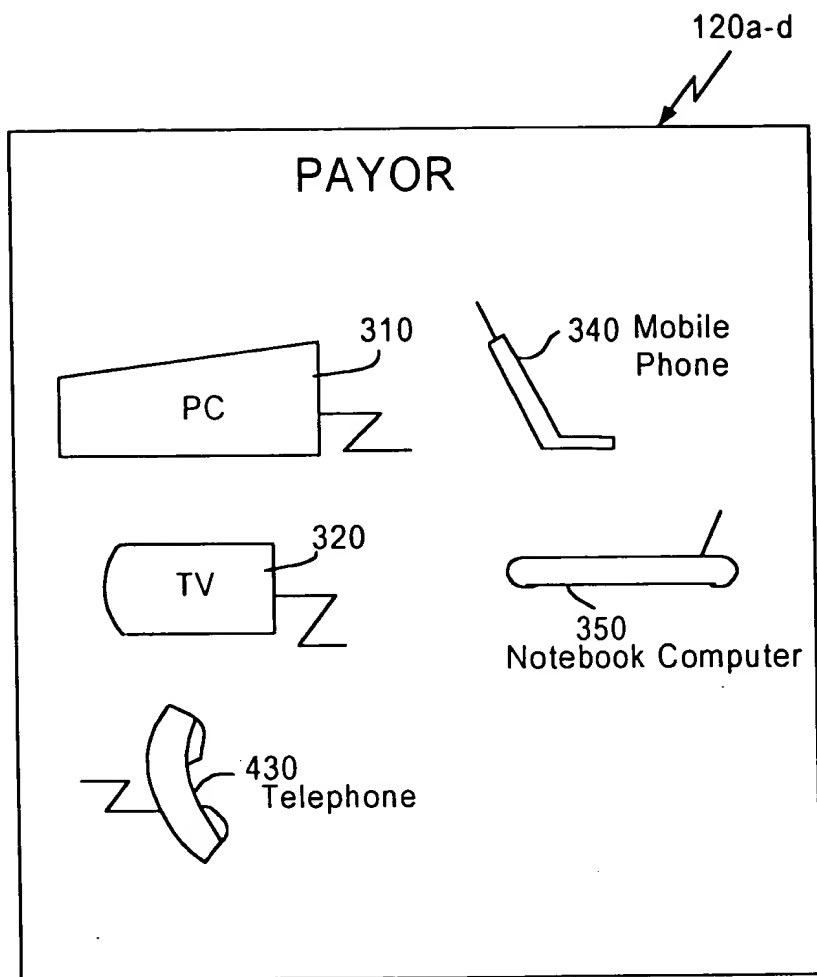


FIG. 3

FIG. 4

Enrollment Select Biller

550

Please Select

Please Select

BELLSOUTH TELECOMMUNICA

CAPSTEAD MORTGAGE *

CONSUMERS ENERGY

CUNA MUTUAL GROUP

Columbia Gas of Ohio *

Florida Power & Light

GPU ELECTRIC PENELEC *

GPU ENERGY JCPL

CPU ENERGY METED

Portland General Electric

SMALL BUSINESS ADMINISTRA

560

565

PLEASE INSERT

BILLER NAME

BILLER ADDRESS

ACCT NO.

570

ACCT NO.

562

FIG. 4

**Enrollment
Personal Information**

500

510 First Name MI Last Name

520 Social Security # Mother's Maiden Name

Street Address

525

530 City State Zip

'Please Select' ▼

Home Phone Work Phone

540

FIG. 5

Enrollment Banking and Login Info

600

610

Memo

c089430098c 0014098430 1438

Route & Transit
NumberAccount-
Number

620.

Routing Transit

Bank Account

Logon Information

User Name (Up to 10 char)

PASSWORD (Up to 6 char)

PASSWORD (confirm)

630

FIG. 6

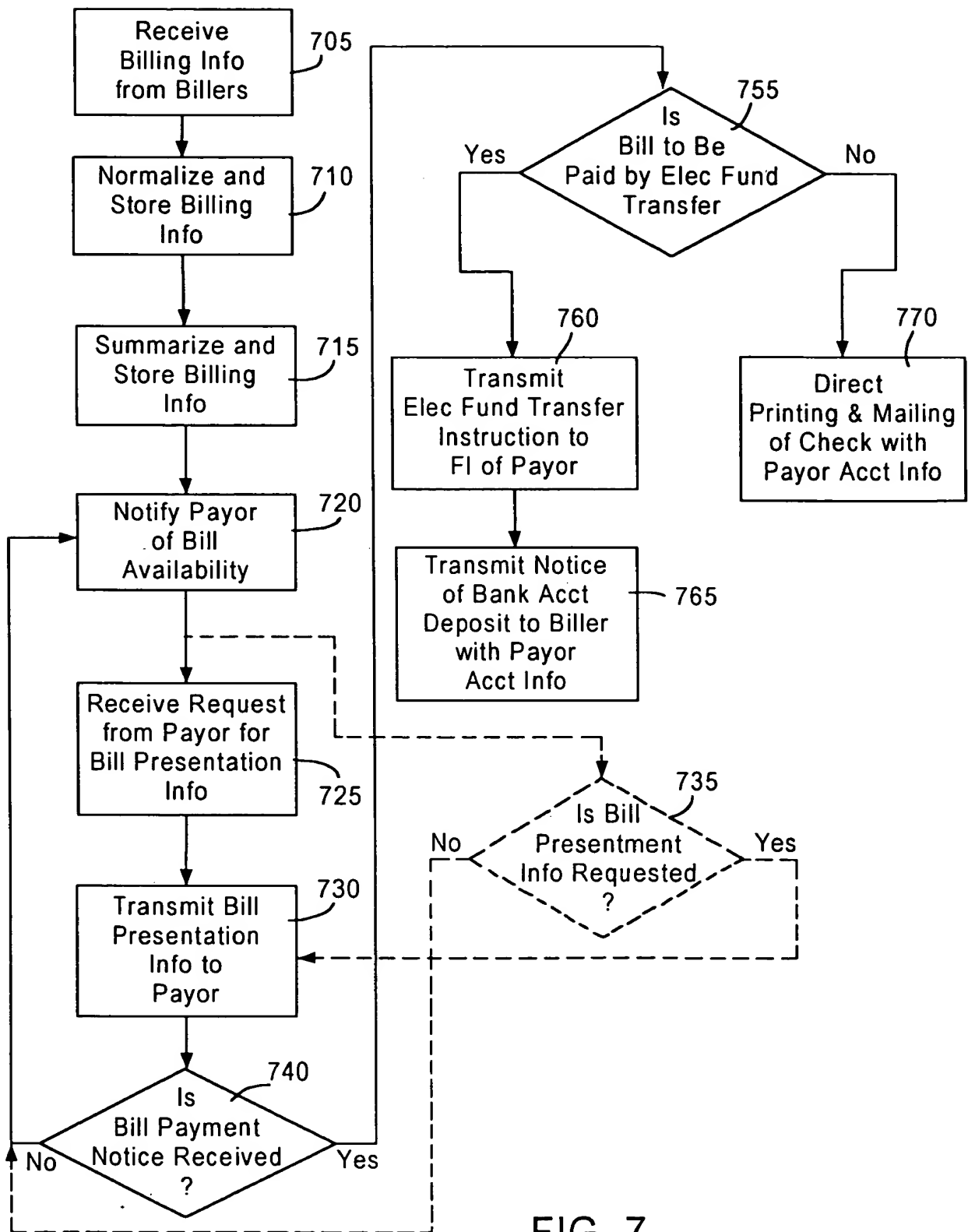


FIG. 7

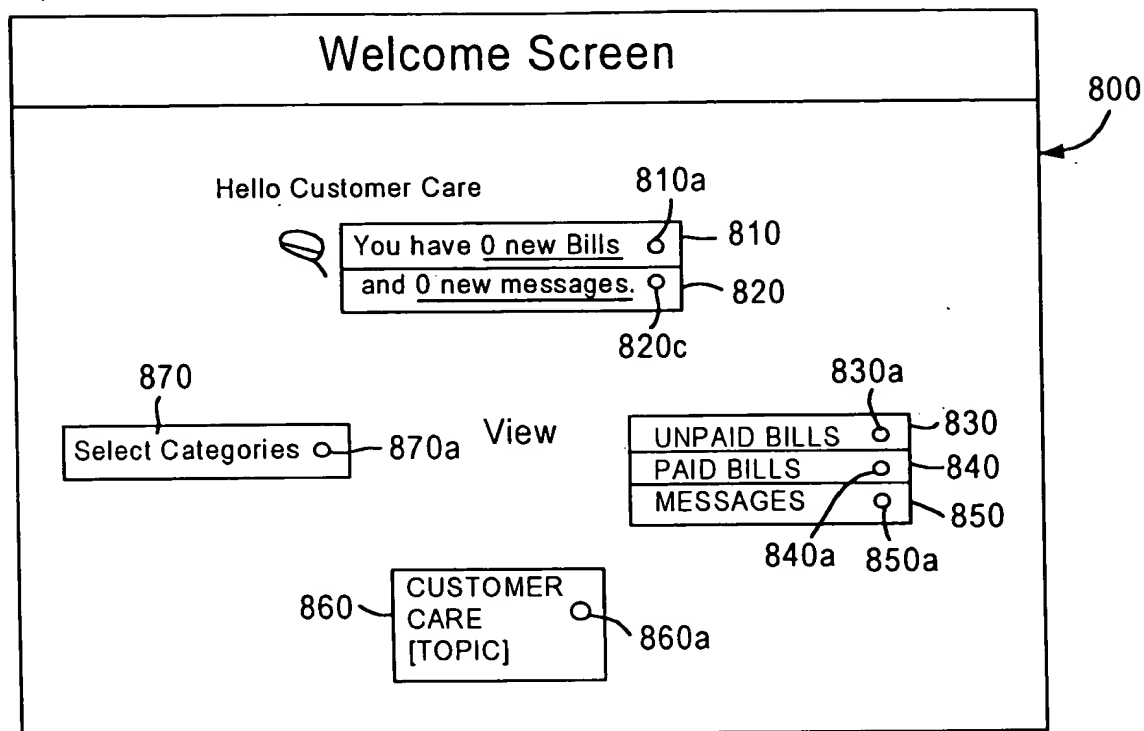


FIG. 8

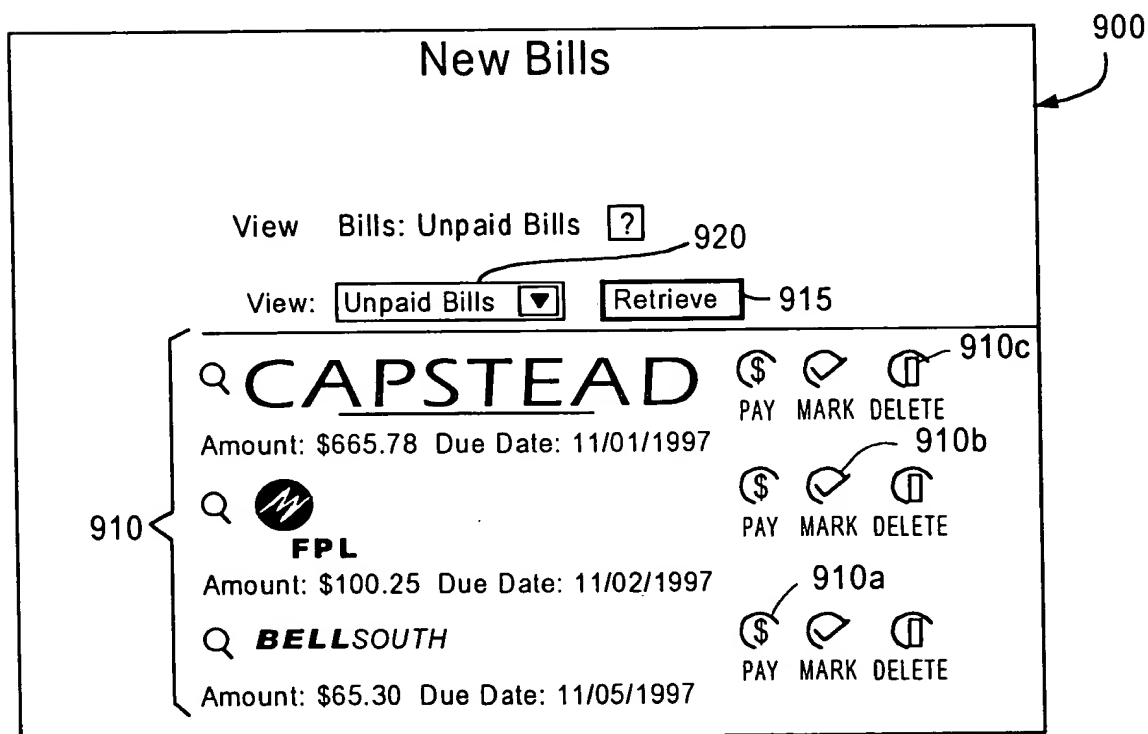


FIG. 9A

Quick Pay: Unpaid Bills ?

To Pay multiple bills in a particular category, specify the amount

Category: Unpaid Bills Change Category

Pay	Payee	Amount
<input checked="" type="checkbox"/>	CAPSTEAD MORTGAGE	565.78
<input checked="" type="checkbox"/>	FLORDIA POWER POWER AND LIGHT	100.25
<input checked="" type="checkbox"/>	BELLSOUTH TELECOMMUNICATIONS	65.30

Pay Bills Reset

FIG. 9B

FIG. 9C

960

970a

975a

965a

Current Bill Summary

Biller Names	Total Amounts Due	Minimum Amounts Due	Due Dates	Status
				*
				*

990

965 970 975 980 985

992 Pay Total of All Bills 992a

994 Pay Minimum for All Bills 994a

996 All Billers 996a

998 Dates To 998a

999 Retrieve Pay 997

FIG. 9C

1000

BILLER NAMES	AUTHORIZED PAYMENT	PAYMENT FREQ
	UP TO \$500.00	MONTHLY
	MINIMUM DUE	ONCE
	\$27.35	WEEKLY
	TOTAL DUE	YEARLY

1005 1010 1020c 1015 1030

1020 PAY TOTAL ALL BILLS TO xx/yy/zz ☐ 1020c

1025 PAY MINIMUM ALL BILL TO xx/yy/zz ☐ 1025a

1030a DO NOT SEND BILL ☐ 1030

1035a SEND BILL ☐ 1035

FIG. 10A

00000004 094304

1050

Setting up a Prebill Payment Authorization

1055 View Billers

1065 ACCOUNT #

1060 ☒ BELLSOUTH TELECOMMUNICATIONS

1070 ☐ Do not receive E-bills


1075 ☐ Receive E-Bills


1080 ☐ Auto-Pay E-Bills

Max amount: 1085'

FIG. 10B

0920804 091304

1120  PAY

1125  DELETE

1100

BELL SOUTH ELECTRONIC BILLING NOTICE

TOTAL PAYMENT \$228.40	John Riley 1234 Main Street Anytown, USA 65434
DUE DATE September 10, 1998	

** BELLSOUTH** Account Number: 770 555-1247 240 1886
Bill Period Date: September 1, 1998

Summary of Charges

Current Charges

BellSouth

Monthly Service Charges	219.96
Other Charges and Credits	1.20
Itemized Calls	2.61
Taxes	4.63
Total Current Charges for BellSouth Companies	228.40
Total Current Charges Due Before Mar 4	228.40
Total Current Charges include the following amounts:	
Regulated Charges	65.74
Nonregulated Charges	162.66
Total Amount Due	228.40

1110

FIG. 11

Figure 1 is a screenshot of a web browser window displaying a "Pay Bills" interface. The browser window has a title bar that reads "Pay Bills". The main content area of the browser shows a heading "Pay Bills" followed by a form. The form contains the following elements: a text box for "Pay to the order of:" containing "BELLSOUTH TELECOMMUNICATIONS"; a "Date:" label followed by a text box containing "9/8/1998"; an "Amount:" label followed by a text box containing "228.40"; and a "Pay:" label followed by a dropdown menu showing "Once". A "Pay Bills" button is located at the bottom of the form. The interface is labeled with reference numerals: 1200 for the browser window, 1205 for the form area, 1210 for the "Pay to the order of:" label, 1215 for the "Date:" label, 1220 for the "Amount:" label, 1225 for the "Pay:" label, and 1230 for the "Pay Bills" button.

FIG. 12A

1250

Pay Bills

Pay Bills?

To pay a bill fill in the payment information and click on the Pay Bill button below.

GEORGE P. BURDELL
46704 Tremont Terrace
NORCROSS, GA 300920000

Date:

1265

1255

1260 Pay to the order of:
"Please Select" ▼ 1260a

1275 Pay: Once ▼ 1275a

Amount:

1270

Pay Bill 1280

Reset 1285

FIG. 12B

Pay Bills

Pay Bills?

To pay a bill fill in the payment information and click on the Pay Bill button below.

BRENDA K CONLEY
51 GRAND BLVD
SHELBY, OH 448750000

Date:

Pay to the order-of:

"Please Select" ▼

Amount:

Pay:

Once
Once
Weekly
Biweekly
Monthly
Quarterly
Triannual
Semiannual
Yearly

1275a

1275

1255

1250

FIG. 12C

Payment List

Payment List ≡ [?]

Billor	Date	Amount	Recurrence	Confirm #	Status	Action
Lakewood Racquet Club	10/25/1997	105.00	Monthly	WPBI-3M55021QJ	Pending	<u>Stop/Edit</u>
Lakewood Racquet Club	09/25/1997	105.00	Monthly	WPBI-3M55-21QJ	Processed: 09/22/1997 Check #. E-Pay	<u>Inquire</u>
Kim Heyde	09/10/1997	1.00	-	WPBI-4010-36EC	Processed: 09/22/1997 Check #. E-Pay	<u>Inquire</u>

1310

1315

1320

1325

1330

1335

1340

1305

FIG. 13

Categories

Payee Categories [?]

Categories	
Utilities	Tennis
Credit card	School
Category 5	Category 6
Category 7	Category 8
Category 9	Category 10

Save Changes

Reset

1415

1410

1405

1400

FIG. 14

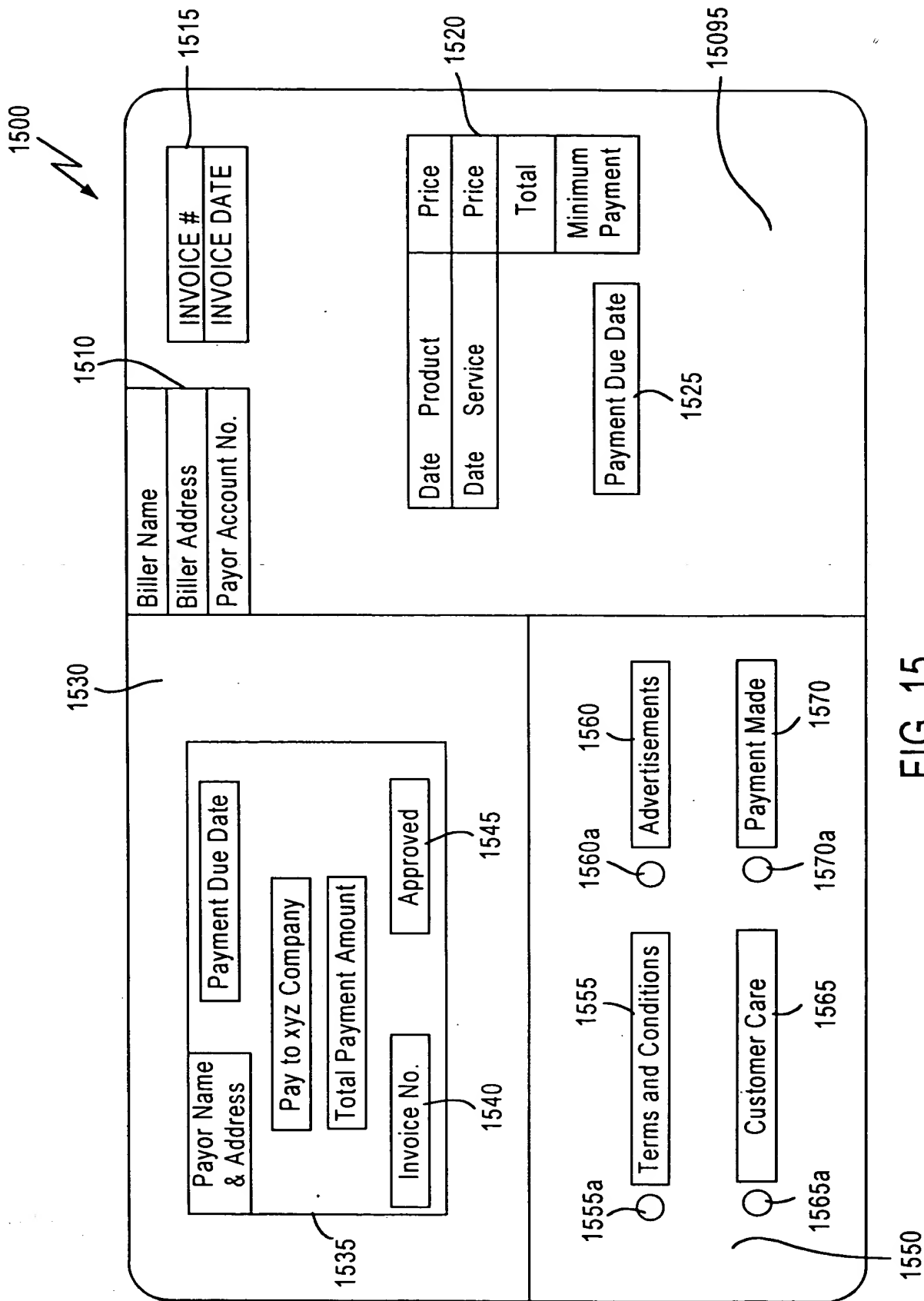


FIG. 15